

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-16. (Canceled)

17. (Previously Presented) An isolated PolC subunit of a DNA polymerase III-type enzyme comprising the amino acid sequence of SEQ ID NO: 184.

18. (Previously Presented) A DNA polymerase III core complex comprising the PolC subunit according to claim 17.

19. (Previously Presented) A DNA polymerase III-type enzyme complex comprising the core complex according to claim 18.

20. (Previously Presented) A DNA polymerase III-type enzyme complex comprising the PolC subunit according to claim 17.

21. (Previously Presented) A kit comprising:  
a container that contains therein either a deoxynucleoside triphosphate or a dideoxynucleoside triphosphate; and  
a container that contains therein the polymerase III-type enzyme complex according to claim 20.